

HEILPERN, P.

New equipment for construction work. p. 22.  
(INDUSTRIA CONSTRUCTIILOR SI A MATERIALEOR DE CONSTRUCTII. RUMANIA. Vol. 7, no. 1,  
Jan. 1956.)

SO: Monthly List of East European Accessions (EEAL) Vol. 6, no. 7, July 1957, Uncl.

*HEIL PERN, STANISKA WH*  
~~POLAND~~/Chemical Technology - Chemical Products and Their Application, Part 3. - Treatment of Solid Combustible Minerals.

H-21

Abs Jour : Ref Zhur - Khimiya, No 7, 1958, 22637  
Author : Staniskawa Heilpern  
Inst : -  
Title : Study by Extraction with Solvents of The Mechanism of Phenomena Taking Place in Coal in Plastic State.

Orig Pub : Koks, smola, gaz, 1957, 2, No 1, 8-11

Abstract : Departing from the assumption that the peptization process of coal grains in plastic state during the coking is similar to the process of their dispersion taking place at the extraction of coal with organic solvents, the author carried out extraction experiments with 10 kinds of coal (from gas-bituminous coals to anthracite) in an autoclave with anthracene oil and diphenyl at 400°; the grain size was 2 to 3 mm. It was shown that in the case

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KIJEWSKA, A.; HEILPERN, S.; TENGLER, Sz.

Literature from abroad. Koks 8 no.2:60-64 Mr-Ap '63.

APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R000617930001-4"

HILLPERN, Stanislaw

Origins of error in the chlorine balance in coking products of  
coal. Koks 8 no.2-57-59 Mr-Ap '63.

1. Instytut Chemicznej Przerobki Węgla, Zabrze.

HEIM, E.

City planning aspects of construction work on vacant lots. p. 277.

EPITESUGYI SZEMLE. Budapest, Hungary, No. 9, 1959.

Monthly List of East European Accessions (EEAI) LC, vol. 9, no. 1, Jan. 1960.

Uncl.

HEIM, I.; GHEORGHIU, D.

Conveyor belt production at a furniture plant in the German Democratic Republic. p.26h.

INDUSTRIA LEMNULUI. (Asociatia Stiintifica a Inginerilor si Tehnicienilor din Romania si Ministerul Industriei Lemnului)  
Bucuresti, Rumania  
Vol. 8, no. 7, July 1959.

Monthly list of Eastern European Accession Index (EEAI) IC vol. 8, No. 11  
November 1959  
Uncl.

HEIM, Jozsef

Power transistor. Radioteknika 10 no.2;36-37 F '60.

HEIM, Jozsef

Power transistor. Pt. 2. Radioteknika 10 no.3:70-72 Mr '60,

HEIM, Joszef

Transformers of power transistors; an answer to our readers.  
Radiotekhnika 10 no.7:219 Jl '60.

HEIM, Jozsef

Photodiodes from Hungarian-made transistors. Radiotechnika  
11 no.4:102 Ap '61.

MESTYAN, Gyula, dr.; VARGA, Ferenc, dr.; FOHL, Erzsebet, dr.; HEIM, Tibor, dr.

O<sub>2</sub> consumption by premature infants in hyper- and hypothermia. Orv.  
hetil. 103 no.15:677-681 15 Ap '62.

1. Pecsi Orvostudomanyi Egyetem, Gyermekklinika.

(INFANT PREMATURE physiol)  
(RESPIRATION in inf & child)  
(BODY TEMPERATURE in inf & child)

HUNGARY

HEIM, T., of the Department of Pediatrics, Medical University, Pecs  
[Original version not given].

"The Effect of Caloric and Protein Restriction on the Heat Production  
and Body Temperature in the Rat"

Budapest, Acta Physiologica Academiae Scientiarum Hungaricae, Supplement  
to Vol 22, 1963; pp 19-20.

Abstract [Author's English summary, modified]: In rats maintained on a diet covering 1/3 of the caloric requirement and containing 3 percent protein, heat production significantly decreased at every ambient temperature tested when body weight had decreased 10 to 20 percent. The greater decrease at an ambient temperature of 20°C was not due to an inability of the animal further to increase heat production, because on exposure to lower temperatures heat production reached considerably higher levels. The changes in heat production and body temperature during starvation are due to alterations in the controlling mechanisms.

1/1

HEIM, Tibor; MESTYAN, Gyula; SZELENYI, Zoltan.

Effect of partial starvation on the thermoregulation in rats.  
Acta morph. acad. sci. Hung. 12 no.4:239-246 '64

1. Pecsi Orvostudomanyi Egyetem Gyermekklinikaja.

HEIM,T.; MESTYAN, J.

Undernutrition and temperature regulation in adult rats. Acta  
physiol. acad. sci. Hung. 24 no.3:305-312 '64

1. Department of Paediatrics, Medical University, Pecs.

\*

L 28998-66

ACC NR: AT6019377

SOURCE CODE: HU/2505/65/027/003/0247/0255

AUTHOR: Heim, Tibor; Szelenyi, Zoltan

ORG: Heim / Pediatric Clinic, Medical University of Pecs (Pecsi Orvostudomanyi Egyetem Gyermekklinika); Szelenyi / Institute of Pathophysiology, University of Pecs (Pecsi Orvostudomanyi Egyetem Korelettani Intezet)

TITLE: Temperature regulation in rats semistarved since birth

SOURCE: Academia scientiarum hungaricae. Acta physiologica, v. 27, no. 3, 1965, 247-255

TOPIC TAGS: rat, body temperature, biologic aging, nutrition

ABSTRACT: A comparison of temperature regulation and energy metabolism in rats underfed from birth to adult age and in well-fed controls of the same age has shown that 1) in the semistarved rat, the development of temperature regulation is delayed by about 8 days; 2) at ages of 73-92 and 109-141 days, the basal metabolic rates measured at 30° are significantly lower in the underfed rats; 3) body temperature in neutral (30°) and cool (20°) environments was lower in the underfed rat; at an ambient temperature of 3-5°, there was no difference in body temperature between the two groups; 4) the effect of prolonged underfeeding on heat production and body temperature is due to a change in the regulatory mechanism; 5) at the age of 216-245 days, the difference in heat production and body temperature, observed earlier, disappears although the difference in weight continues to increase. Orig. art. has: 7 figures. [Orig. art. in Eng.]

[JPRS]

SUB CODE: 06 / SUEM DATE: 23Sep64 / ORIG REF: 007 / OTH REF: 020

Card 1/1 BLG

HUNGARY

HEIM, Tibor, KELLERMAYER, Miklos; Medical University of Pecs, Pediatric Clinic and Institute of Pathological Anatomy (Pecsi Orvostudomanyi Egyetem, Gyermekklinika es Korbonctani Intezet).

"Effect of Starvation on Brown Adipose Tissue in the Newborn Rabbit (Preliminary Communication)."

Budapest, Acta Physiologica Academiae Scientiarum Hungaricae, Vol XXX, No 1, 1966, pages 107-109.

Abstract: [English article] The influence of environmental temperature changes on changes in the brown adipose tissue during starvation was investigated in newborn rabbits. The changes observed are described. The conclusion was reached that brown adipose tissue does not seem to respond in the same manner as the white one to stimuli produced by starvation. Brown fat is mobilized in response to cold but not during starvation in a thermoneutral environment, whereas white fat apparently serves as a general metabolic reserve and is used, during starvation, both in the absence and presence of increased heat production in response to cold. 1 Hungarian, 9 Western references. [Manuscript received 21 May 66.]

1/1

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HETIL, VI. 1957.

1957.11.10.

SZENDI, BALAZD; HERMANN, BELA; HEIM, VILMOS

Shock and fatal abdominal hemorrhage caused by uterine torsion in the 6th month of pregnancy. Orv. hetil. 98 no. 45:1249-1251 10 Nov 57.

1. A Gyulai Megyei Korhaz Sztilo-Nobeteg Osztalyanak (foorvos: Szendi Balazs dr., az orvostudomanyck kandidatusa) Belosztalyanak (foorvos: Hermann Bela dr.) es Korbonctani Intezetenek (foorvos: Heim Vilmos dr.) kozlemenye.

(PREGNANCY, compl.

uterine torsion with shock & fatal abdom. hemorrh. in 6th month (Hun))

(UTERUS, dis.

torsion with shock & fatal abdom. hemorrh. in 6th month of pregn. (Hun))

(ABDOMEN, hemorrh.

fatal hemorrh. caused by uterine torsion in 6th month of pregn. (Hun))

HEIM, Vilmos, dr.; SZENDI, Balazs, dr.

Study of female genital tuberculosis in pregnancy and the mechanism  
of its generation. Orv.hetil. 101 no.30;1065-1068 24 Jl '60.

1. Gyulai Megyei korhaz, Korbonctani intezet, Szulo-nobeteg  
osztaly.

(TUBERCULOSIS FEMALE GENITAL in pregn)  
(PREGNANCY compl)

HUNGARY

IVANYI, Janos, Dr., HEIM, Vilmos, Dr; Megye Hospital of Gyula, II. Medical Ward, and Pathological and Histopathological Laboratory (Gyulai Megyei KOrhaz, II. Belgyogyaszati Osztaly, es Korbonctani es Korszovettani Laboratorium).

"Simultaneous Occurrence of Polycythemia Vera and Phaeochromocytoma."

Budapest, Orvosi Hetilap, Vol 104, No 43, 27 Oct 63, pages 2050-2051.

Abstract: [Authors' Hungarian summary] The simultaneous occurrence of the two disorders is reported by the authors. In this connection it is pointed out that, because of the great variety of clinical symptoms, the early recognition of the tumor presents a great problem. 1 Hungarian, 5 Western references.

1/1

SZENDI, Balazs, dr.; HEIM, Vilmos, dr.

Tuberculous endometriosis and interstitial tuberculosis of  
the myometrium. Tuberkulozis 16 no.9:279-282 S '63.

1. A gyulai megyei korhaz szulo-nobeteg osztalyanak (foorvos:  
Szendi Balazs dr., az orvostud. kandidatusa) es korbonctani  
intezetenek (foorvos: Heim Vilmos dr.) kozlemenye.

(TUBERCULOSIS, FEMALE GENITAL)  
(ENDOMETRIUM) (TUBERCULOSIS, MILIARY)  
(SALPINGITIS) (UTERINE NEOPLASMS)  
(SARCOMA, RETICULUM CELL)  
(HYSTERECTOMY)

HERMANN, Bela, dr.; GIAH, Jeno, dr.; HUIM, Vilmos, dr.

Relationship between angina pectoris and coronary atherosclerosis.  
Orv. hetil. 105 no.32:1498-1500 9 Ag '64.

1. Gyulai Megyei Korhaz, I. Belgyogyaszat es Korbonctani Osztaly.

HEIMANN, Pal

Semiconductors in power engineering. Musz.elet. 15 no.5:11 Mr '60.  
(Hungary--Semiconductors) (EEAI 9:5)

HEIMANN, Pal

Tlevision in traffic direction. Musz elet 15 no.9:12 Ap '60.  
(EEAI 9:8)

(Munich--Streets) (Television)  
(Germany, Western--Traffic engineering)

HEIMANN, Pal, fomernok

The role of semiconductors in power engineering. Ipari  
energia 2 no.5:109-112 My '61.

1. Orszagos Villamosenergia Felugyelet.

HEIMANN, Pal

Organized post-graduate training for electric engineers.  
Villamossag 10 no.3:90-91 Mr '62.

1. A magyar Elektrotechnikai Egyesulet Orszagos Villamosenergiai  
Felugyelet uzemi csoportjanak titkara

KELLER, O.

Series of lectures on medical history. p. 135

Vol. 115, no. 3, Mar. 1956  
TERELÉZET ÉS TARSADALOM  
Budapest, Hungary

Source: East European Accession List. Library of Congress  
Vol. 5, No. 8. August 1956

HEIMER, Odon, dr.

High blood pressure - hypertonia. Elet tud 17 no.32:999-1002  
12 Ag '62.

HEIMER, Odon, dr.

Prevention and curing of hypertension. II. Elet tud 17  
no.33:1049-1050 19 Ag '62.

HEIMER, Odon, dr.

The patient and his physician. Elet tud 18 no. 4781478-1481  
24 N°63.

HEIMRATH, Tadeusz; SLOMSKA, Janina; SMOGOROWA, Wladyslawa

Gonorrhea as an etiological factor of chronic adenxitis. Polski tygod.  
lek. 13 no.30:1159-1163 28 July 58.

1. (Z I Kliniki Poloznictwa i Chorob Kobiecych A. M. we Wrocławiu;  
kierownik: doc. dr Kazimierz Nowosad i z Akademii Mikrobiologii A. M. we  
Wrocławiu; kierownik prof. dr Stefan Slopek).

(GONORRHEA, compl.  
adnexitis, chronic (Pol))  
(ADNEXITIS, etiol. & pathogen.  
gonorrhea (Pol))

HEIMRATH, Tadeusz; ROBACZYNSKI, Jerzy; KWAPINSKI, Zbigniew

Significance of Aschheim-Zondek test in clinical diagnosis.  
Polski tygod.lek. 15 no.30:1149-1151 25 Jl '60.

1. Z I Kliniki Poloznictwa i Chorob Kobiecych A.M. we Wrocławiu;  
kierownik: doc. dr Kazimierz Nowosad i z Oddziału Chorob Kobiecych  
Okręgowego Szpitala Wojskowego we Wrocławiu; ordynator: dr Zbigniew  
Kwapiński

(PREGNANCY TESTS)  
(GYNECOLOGY diag)

HEIMRATH, Tadeusz; NOLIS, Tasios

Premature separation of normally located placenta. Afibrinogenemia.  
Case report. Polski tygod. lek. 15 no.33:1280-1282 15 Ag '60.

1. Z I Kliniki Poloznictwa i Chorob Kobiecych A.M. we Wrocławiu;  
kierownik: doc. dr Kazimierz Nowosad.  
(PLACENTA PRAEVIA blood)  
(AFIBRINOGENEMIA in pregn.)

HEIMRATH, Tadeusz; WEINBRENNER, Leopold

Considerations on labor induction with syntocinon. Polski tygod.  
Lek. 15 no.48:1843-1845 28 N '60.

1. Z I Kliniki Pelegnictwa i Chorob Kobietych A.M. we Wrocławiu;  
kierownik: doc. dr Kazimierz Nowesad.

(OXYTOCIN ther) (LABOR INDUCED)

HEIMRATH, Tadeusz

Pregnancy complicated by thrombosis of portal, mesenteric and splenic veins. Gin. polska 32 no.3:311-316 '61.

1. Z I Kliniki Polonictwa i Chorob Kobiecyh Akademii Medycznej we Wroclawiu Kierownik: doc. dr K. Nowosad  
(PREGNANCYcompl)  
(THROMBOSIS in pregn)  
(PORTAL VEINS dis)  
(MESENTERIC VESSELS dis)

HEIMRATH, Tadeusz; RZUCIDŁO, Zbigniew; DOMAŃSKI, Ignacy

Thecoma of the ovary — personal observation. Pat. polska 13 no.2:  
223-234 '62.

1. Z I Kliniki Poloznictwa i Chorob Kobiecych AM we Wrocławiu  
Kierownik: doc. dr K. Nowosad Z Zakładu Anatomii Patologicznej  
AM we Wrocławiu Kierownik: prof. dr Z. Albert.  
(THECA CELL TUMORS case reports) (OVARIES neopl)

ZOLCINSKI, Adam; HEIMRATH, Tadeusz

Imperforate hymen. Ginek. pol. 33 no.5:709-715 '62.

l. Z I Kliniki Poloznictwa i Chorob Kobiecyh we Wroclawiu. Kierownik:  
prof. dr K. Nowosad.  
(HYMEN)

ZOLCINSKI, Adam; HEIMRATH, Tadeusz; WEINBRENNER, Leopold.

Evaluation of the ovary following hysterectomy. Ginek. pol.  
34 no.68773-780 '63.

1. Z I Kliniki Położnictwa i Chorób Kobiecych AM we Wrocławiu. Kierownik: prof.dr.med. K.Nowosad.

\*

ZOLCINSKI, Adam; HEIMRATH, Tadeusz; RZUCIDLO, Abigail

Effect of methimazole on the development of rabbit fetuses.  
Ginek. Pol. 35 no.4:593-596 Jl-Ag 1/1

1. Z I Kliniki Położnictwa i Chorób Kobietych Akademii Medycznej we Wrocławiu (Kierownik: prof. dr. med. E. Nowosad).

NOWOSAD, Kazimierz; HEINRUTH, Tadeusz; MELISZEK, Stefan;  
CIASTON-MALOLEPSZA Weronika

Role of listeriosis in pregnancy complications and its spreading  
in wards for newborn infants. Ginek. Pol. 36 no.8:939-944 Ag '64.

1. Z I Kliniki Położnictwa i Chorób Kobiecych Akademii Medycznej  
we Wrocławiu (Kierownik: prof. dr. med. K. Nowosad).

CHMIELEK, Adam; HEIMBACH, Tadeusz, UJG, Kierownik

Quinine as a cause of fetal malformation. Cinek. Pol. 36 no.2:  
935-938 Ag '65.

1. Z I Kliniki Poloznictwa i Chorob Kobiecych Akademii Medycznej  
we Wrocławiu (Kierownik: prof. dr. med. K. Nowosad).

ZOLCZEWSKI, Adam; REINHOLD, Tadeusz; RUDOLPH, Wladyslaw;

Action of pharmacological preparations on fetal development  
under clinical and experimental conditions. Ginek. Pol. 36  
no.8:945-949 Ag '65.

I. Z I Kliniki Poloznictwa i Chorob Kobiecych Akademii Medycznej we Wrocławiu (Kierownik: prof. dr. med. K. Nowosad).

BOWCGAP, Anatolijev; VILIMROK, Adam; HUMPERL, Tatjana

1st Clinic of Obstetrics and Gynecology of the Bratislav Medical Academy during the period of 1945-1965. Historical material.  
Ginek. Pol. 36 no.8:829-831 Ag '65.

HEIMRATH, Tarnow

Relation of the oxygen contents to the number of reticulocytes  
in venous blood in pregnancy and labor. Ginek. Pol. 36 no.8:  
859-864 Ag '65.

1. Z I Kliniki Polegnictwa i Chorob Kobiecych Akademii Medycznej  
we Wrocławiu (Kierownik: prof. dr. med. K. Nowosad).

MEJBAUM-KATZENELLENBOGEN, Wanda; HEIMRATH, Zofia

The level of seromucoids in the blood and urine in the course  
of lipoid nephrosis in children. Pol. tyg. lek. 20 no.28:  
1042-1045 12 Jl '65.

1. Z Zakladu Chemii Fizjologicznej Wydzialu Farmacji AM we Wrocławiu  
(Kierownik: prof. dr. W. Mejbaum-Katzenellenbogen) i z II Kliniki  
Pediatricznej AM we Wrocławiu (p.o. Kierownika: doc. dr. med. Wanda  
Klinowska).

JAWORSKA, Halina; HEIMRATH, Zofia; KOWALSKA, Zofia

Leukemia in infants. Pediat.polska 34 no.12:1537-1545 D '59.

1. Z II Kliniki Psychiatrycznej A.M. we Wrocławiu. Kierownik:  
prof.dr med. M. Wierzbowska.  
(LEUKEMIA in infancy & childhood)

HEIMRATH, Zofia; KOZARSKA, Jadwiga

Autonomic seizures of central origin during the course of rheumatic disease. Pol. tyg. lek. 17 no.10:365-366 5 Mr '62.

l. Z II Kliniki Pediatricznej AM we Wrocławiu; kierownik: prof. dr Maria Wierzbowska i z Kliniki Psychiatrycznej AM we Wrocławiu; kierownik: doc. dr Maria Demianowska.

(RHEUMATIC FEVER compl) (BRAIN dis)  
(AUTONOMIC NERVOUS SYSTEM dis)

HEIMRATH, Zofia

Effect of the clinic D on lowering the co-efficient of infant mortality. Pediat. pol. 36 no.6:673-674 '61.

l. z II Kliniki Pediatricznej AM we Wrocławiu Kierownik: prof. dr med. M. Wierzbowska.  
(INFANT MORTALITY prev & control)

BALCAR-BORON, Anna; BOGUSLAWSKA-JAWORSKA, Janina; HEIMRATH, Zofia;  
KUTARBA-PIETRAS, Urszula

On the treatment of fulminating purpura and of associated  
syndromes in the light of our observations. Pediat. pol. 38  
no.10:905-910 O '63.

1. Z II Kliniki Pediatricznej AM we Wrocławiu Kierownik: prof.  
dr M. Wierzbowska.

(PURPURA) (EXCHANGE TRANSFUSION)  
(ANTIBIOTICS) (ANTIHISTAMINICS)  
(PARA-AMINOBENZOIC ACID)

HEIN, E.A.

Two new types of thin and very thin glass. Pomiary 8  
no.3:131 Mr '62.

HEIN, Janos

Smooth start of the leather-industry milling drums by means  
of the friction clutch. Bor cipo 14 no. 1: 29-31 Ja '64.

1. Boripari Vallalat pecsi uzemegysege.

HEIN, JANOS.

"A mezogazdasagi termeles produkтивitese a mersekelt egorvi orszagokban. Budapest,  
Magyar Gazdasgkutato Intezet, 1948. (Budapest. Magyar Gazdasaghutato Intezet  
30. sz. kulankiadvanya) (Productivity of agriculture in countries of the  
Temperate Zone)."

SO: East European Accessions List, Vol 3, No 8, Aug 1954.

HEINAR, T.  
PELCZARSKI, S., HEINAR, T.

Poland

New trends in the converter process for the manufacture of steel castings.

SO: Foundry Journal, Poland, #3, Mar 1955, Unclassified.

HEINC, A.

Ocular burns and glaucoma. Cesk. oft. 8 no.2:96-100 Mar  
1952.  
(CLML 22:2)

1. Of the Eye Clinic (Head--Prof. V. Vejdovsky, M. D.) of  
Palacky University, Olomouc.

HEINC, A., Dr; MAZANEC, D., doc, Dr

Corneal fistula. Cesk. ofth. 10 no.2:102-107 Ap '54.

1. Z oční kliniky PU Olomouc. Prednosta prof. Dr V. Vejdovsky.
2. Z histologického ústavu PU Olomouc. Prednosta doc. Dr K. Mazanec.  
(CORNEA, fistula,)

\*

(FISTULA,  
\*cornea)

HUINC, A.; MAZANEC, K.; VEJDovsky, V.

Experiences from 102 partial perforating keratoplasties. Cesk.  
ofth. 10 no.5:303-315 Oct 54.

1. Z Ocní kliniky PU v Olomouci, predn. prof. Dr. V. Vejdovsky a z  
histologicko-embryologického ústavu v Brně, predn. doc. Dr. K. Mazanec.  
(CORNEAL TRANSPLANTATION  
subtotal, perforating)

HE INC, A.

Treatment of corneal dystrophy by corneal transplantation. Cesk.  
oфт. 10 no.5:316-321 Oct 54.

1. Z ocní kliniky lekarské fakulty PU v Olomouci. Prednosta prof.  
Dr. V. Vejdovsky.

(CORNEA, diseases  
dystrophy, keratoplasty)  
(CORNEAL TRANSPLANTATION  
in corneal dystrophy)

HEINC, A., Dr.

Further experiments with eye corrosion in rabbits. Cesk.ofth.  
11 no.4-5:250-256 1955

1. Ocní klinika lekarske fakulty MU v Olomouci. Prednosta prof.  
Dr V.Vejdovsky.

(CONJUNCTIVA, wounds and injuries  
exper. burns by lime water, eff. of transpl. of injured  
conjunctiva into healthy eye in rabbits)

(BURNS, experimental  
conjunctiva, by lime, eff. of transpl. of injured  
conjunctiva into healthy eye in rabbits)

Heinc, A  
EXCERPTA MEDICA Sec.12 Vol.9/6 Ophthalmology Jun 55

990. HEINC A. Oční Klin. lék. Fak. PU, Olomouc, +Léčení roherkových dystrofí keratoplastikou. The treatment of corneal dystrophy by corneal grafting ČSL.OFTHAL. 1954, 10/5 (316-321) Tables 1  
The operation was performed 19 times in 14 patients. Out of 17 operated eyes the graft remained clear in 12 (70.5%) and in 59% the visual acuity was above 5/50. The best results were achieved in hereditary dystrophies of Groenow where 85.5% of clear grafts and visual acuity better than 5/20 were recorded one year after operation. In the author's experience almost in all keratoplasties in corneal dystrophies, the visual acuity becomes better during the first year but later on it deteriorates when dystrophic changes recur in the graft itself. In spite of these recurrences useful visual acuity is usually obtained for 4-5 yr., as only the outermost layers of the graft become involved in the dystrophic process. Zahn - Prague

~~HEINC, - A~~ EXCERPTA MEDICA Sec.12 Vol.12/5 Ophthalmology May 58

868. OPERATIONS OF COMPLICATED CATARACTS DUE TO UVEITIS AT THE  
EYE CLINIC OF THE PALACKÝ UNIVERSITY IN OLOMOUC IN 1951  
THROUGH 1955 - Operace komplikovaných katarakt po uveitidách na oční  
klinice PU v Olomouci 1951-1955 - Heinc A. Eye Clin. Palacký Univ.,  
Olomouc - ČSL. OFTHAL. 1957, 13/4 (326-331) Tables 1

Twenty-eight cases suffering from complicated cataracts due to uveitis were operated on. Operations were performed when the eye was practically blind. In children primary discussion, in adults mostly intracapsular but also extracapsular extraction and, if necessary, loop extraction was performed. In no case was atrophy of the eye observed after operation. The terminal visual acuity was: amaurosis in one case, in one case visual acuity could not be ascertained (in a child), visual acuity less than 6/60 resulted in 13 cases, 6/60 and better in 13 cases. Visually unfavourable results are mostly of non-operative origin. Better vision could probably, in some cases, be obtained by further operation. Zahn - Prague

HEINC, A.

EXCERPTA MEDICA Sec.12 Vol.10/9 Ophthalmology Sept56

1393. HEINC A. Oční Klin., lék. Fak. PU, Olomouc. • Experimentalní zkušenosti s Denigovou plastikou po poleptání oka. (Předběžné sdělení). Experimental experience with Denig's graft in eye burns. CSL.OPTHAL. 1956, 12/1 (65-71) Illus. 1

Report on experiments with treatment by Denig's graft in eye burns performed in 12 rabbits. This first experimental series did not prove clearly the importance of Denig's graft but it was important for elaboration of a suitable technique for experiments on rabbits. Owing to considerable anatomical differences between the rabbit and the human eye the experiments did not yield sufficient results. Nevertheless it was ascertained that secondary burns caused by corrosive substances fixed temporary in the conjunctiva have an important influence on the terminal state of the injured eye. As necrotic tissue only is removed by Denig's operation, conservative treatment is also necessary in order to protect the ocular tissues against this secondary corrosion. It is the aim of a second experimental series to prove this supposition and to evaluate accordingly the importance of Denig's graft.

Zahn - Prague

HEINC, A., Dr.

Development of eye surgery in Olomouc. Cesk. ofth. 12 no.2:  
100-108 Apr 56.

1. Z oculi kliniky lekarske fakulty PU v Olomouci, prednosta prof.  
Dr. V. Vejdovsky.  
(EYE, surgery,  
hist. in Czech. (Cs))

VEJDovsky, V.; HEINC, A.

Fifty years since first transparent keratoplasty. Cesk. ofth.  
12 no.3:161-164 June 56.

1. Z ocní kliniky PU v Olomouci.  
(CORNEAL TRANSPLANTATION, history,  
transparent keratoplasty (Cz))

RUDOLF, J. M.D.

Survey of complicated cataracts due to uveitis in the years 1951-1956.  
Charles University, Olomouc, 1951-1956.

J. M. klinike lekarske fakulty PU v Olomouci, profesor dr. J. M.  
J. Majzovsky,

(CATARACT EXTRACTION, statist.  
in Czech., complicated cataracts due to uveitis (UVEITIS,  
(UVEITIS, compl.  
cataract, complicated, surg. statist. (UVEITIS)

HEINC, A., Dr.

Recurrent pterygium and its treatment. Cesk. ofth. 13 no.4:298-313  
Aug 57.

1. Ocní klinika lek fakulty PU v Olomouci, prednostata prof. Dr V.  
Vejdovsky.

(PTERYGIUM  
recur., surg. (Cz))

*Heinc A.*  
EXCERPTA MEDICA Sec 12 Vol 13/4 Ophthalmology Apr 59

562. EYE CORROSION AND EGG MEMBRANE - Poleptání očí a vaječná blančka  
(Experimentální práce) - Heinc A. Oční Klin. Lék. Fak. PU, Olomouc -  
CSL. OFTHAL. 1958, 14/4 (264-271) Tables 2

In the endeavour to discover a new and more effective treatment of eye corrosion methods are sometimes suggested which counteract the principal requirement e.g. to remove from the eye the corroding agent as soon and as thoroughly as possible. The method of Brown and Croll is, in the author's opinion, such an unsuitable therapeutical procedure. He proved experimentally that egg membrane behaves in the conjunctival sac as a foreign body and causes damage to the cornea. On the other hand on the eye surface it preserves the corroding agent in considerable concentration thus causing secondary corrosion during the whole time of its covering of the eye and prevents the natural defences of the eye from washing out the corroding agent by tears.

Zahn - Prague

HEINC, A.; VASKOVA, M.; ZAHRADNICEK, K.; HOLUSA, R.

Orbital tumors & injury. Cesk. ofth. 14 no. 5:375-379 Oct 58.

1. Oční klinika PU v Olomouci, prednosta prof. dr. V. Vejdovsky; Patol.  
anatomicky ustav PU v Olomouci, prednosta doc. dr. C. Dvoracek; Oční  
odd. OUNZ na Vsetíne, prednosta prim. dr. K. Zahradnicek.  
(ORBIT, neoplasms  
post-traum. in inf., case report (Cz))

HE INC, A.

Cataract extraction in Olomouc 100 years ago. Cesk. ofth. 15 no.2:  
144-149 Apr 59.

1. Ocní klinika lekárske fakulty PUV v Olomouci, prednosta prof.  
dr. V. Vejdovsky.  
(CATARACT EXTRACTION, history,  
in Czech. (Cz))

EXCERPTA MEDICA Sec 16 Vol 7/11 Cancer November 59

4780. **Orbital tumours and injury** Očnicové nádory a úraz. HEING A., VAS-  
KOVÁ M., ZAHRADNÍČEK K. and HOLUSA R. Očni Klin., PU, Olomouc; Patol. Anat.  
Ustav, PU, Olomouc; Oční Odd. OÚNZ, Vsetín *Csl. ophthalm.* 1958, 14/5 (375-378)  
Illus. 2.

This is a report on a 10-month-old child, in which the first symptoms of orbital  
tumour were observed 3 days after an injury. The tumour was a round-cell sar-  
coma, which killed the child within 4 months by penetration into the surrounding  
structures. The problem of the connection between injury and tumour is discussed.  
Connection of the tumour with a previous injury can never be proved but recent  
opinions suggesting systemic and local disposition as conditions for tumour develop-  
ment indicate that even in the reported case injury cannot be excluded as an agent  
provoking the tumorous growth.

Zahn - Prague

HEINC, A.

Remote sequelae following yperite burns of the eye. Cesk. ofth. 15  
no.1:31-36 Feb 59.

I. Ocni klinika lek. fak. MU v Olomouci, prednosta prof. dr. Vejdovsky.  
(MUSTARD GAS, inj. eff.  
eye inj., 35 year follow-up (Cz))  
(EYES, wds. & inj.  
mustard gas inj., 35 year follow-up (Cz))

HEINC, A.

Gumma of the orbit. Cesk. ofth. 15 no.5:387-392 0 '59

1. Ocni klinika PU v Olomouc, prednosta prof. dr. V. Vejdovsky.  
(SYPHILIS pathol.)  
(ORBIT dis.)

HEINC, Ant.

Surgery of retinal detachment in Olomouc during 1953-1957. Czech.  
ofth. 15 no. 6:445-453 D '59

1. Ocni klinika lek. fak. PU v Olomouci, prednosta prof. dr. V.  
Vejdovsky.  
(RETINAL DETACHMENT surg.)

HEINC, A.

Heredity of retinal detachment. Cesk. ofth. 16 no.3/4:223-227  
My '60

1. Ocní klinika lekarské fakulty PU v Olomouci, prednosta prof.  
Vejdovsky.

(RETINAL DETACHMENT genetics)

GEYNTS, A. [Heinz, A.] (Chekhoslavakiya)

Clinical observations on corneal transplantation at the eye clinic  
in Olomouc in 1958-1959. Oft. zhur. 16 no.4:198-200 '61.  
(MIRA 14:7)

1. Iz glaznoy kliniki (zav. - prof. M.V. Veydovske) Universitet  
imeni Palatskogo g. Olomouts.  
(OLOMOUC—CORNEA—TRANSPLANTATION)

VEJDovsky, V.; HEINC, A.

Lamellar keratoplasty with conjunctival flap in the treatment of severe burns of the eye. Cesk. ofth. 17 no.3:181-185 My '61.

1. Ocni klinika lekarske fakulty PU v Olomouci, prednosta prof. MUDr. et Sc. Dr. V. Vejdovsky.

(CORNEA surg) (CONJUNCTIVA surg) (EYE wds & inj)

HEINC, A.; SVEC, V.

Fistula of the orbit and dermoid. Cesk. ofth. 17 no. 6:436-440 S '61.

1. Ocni klinika lek. fakulty PU v Olomouci, prednosta prof. MUDr.  
Vaclav Vejdovsky, Dr. Sc.

(ORBIT neoplasms)  
(TERATOID TUMOR in inf & child)

HEINC, A.

A circular serrate trephine in dacryocystorhinostomy. Cesk. ofth. 17  
no.7:535-538 N '61.

1. Ocmi klinika lek. fak. PU v Olomouci, prednosta prof. MUDr. V.  
Vejdovsky, Dr. Sc.

(LACRIMAL APPARATUS surg)

HEINC, A.

Corrosion of the cornea and lamellar keratoplasty. Cesk. oftal.  
19 no.3:184-189 My '63.

1. Ocní klinika lekarské fakulty UP v Olomouci, prednosta  
prof. dr. V. Vejdovsky, DrSc. Katedra patologické fyziologie  
lekarské fakulty UP v Olomouci, vedoucí doc. dr. J. Hrbek.  
(CORNEAL TRANSPLANTATION) (BURNS, CHEMICAL)  
(CORNEAL OPACITY)

VEJDovsky, V.; HEINC, A.

Early lamellar keratoplasty following chemical burns of the eye.  
Cesk. oftal. 20 no.3:173-176 My '64.

L. Oční klinika lekarské fakulty PU [Palackého Universita] v Olo-  
mouci (prednosta prof. dr. V. Vejdovsky, DrSc.).

VEJDovsky, Vaclav; HEING, Antonin

Do the immunization properties of the antitubercular M-vaccine  
diminish by passage? Sborn. ved. prac. lek. fak. Karlov. Univ.  
7 no.4:543-548 '64.

1. Oeni klinika Lekarske fakulty Palackeho University, Olomouc,  
(prednosta: prof. MUDr. V. Vejdovsky, DrSc.) a Farmakologicky  
ustav Lekarske fakulty Palackeho University, Olomouc (prednosta:  
doc. MUDr. J. Lenfeld, CSc.).

VELDOVSKY, V., LENFELD, J., KONIG, G.

The effect of passage on the immunological properties of the  
antituberculosis M-vaccine (A study on rabbits' corneae).  
Cesk. oftal 21 no.3:150-153 My '65

1. Oční klinika (prednosta: prof. dr. V. Veldovsky, DrSc.)  
farmacologicky ústav (prednosta: doc. dr. J. Lenfeld, CSc.) le-  
karske fakulty Palackeho University v Olomouci.

HEINC, A.

Can an early lamellar keratoplasty heal into a severely burned cornea? Experiments on rabbits. Cesk. oftal. 21 no. 3:177-182 ly'65

1. Oční klinika (prednosta: prof. dr. V. Vejdovsky, DrSc.),  
katedra patologické fyziologie (vedoucí: doc. dr. J. Hrbek,  
CSc.) lekarské fakulty Palackého University v Olomouci.

HEINC, A.

Dacryocystorhinostomy in children. Cesk. oftal. 22 no.1:  
53-57 Ja ' 66.

1. Ocní klinika lekarske fakulty Palackeho University v  
Olomouci (prednosta: prof. dr. V. Vejdovsky, DrSc.)

MATOK, Gyorgyne; HORVATH, Zoltanne; KORACH, Mor; EMOD, Gyula; HEINCZ, Gyorgy; PESTHY, Laszlo

A new type of primary electric source used in telecommunication techniques; also, remarks by Z.Horvath, and others. Muszaki kozl Mata 26 no.1/4:321-333 '60. (EEAI 9:10)

1. Tavkozlesi Kutato Intezet (for Matok)  
(Telecommunication)

ILLES, Kalman; HEINCZ, Gyorgy

Current questions relating to galvanoplastics. Gépgyártás techn  
3 no.4:131-133 Ap'63.

1. Tavkozlesi Kutato Intezet.

PATRASCU, M., ing.; NITA, S., ing.; CIOCULESCU, M., ing.; HERTA, I.,  
tehn. lab.; MACOVEI, O., tehn. min.; HEINCZ, M., tehn. min.

Moist lateral drilling as an effective method of fighting  
the dust resulting from hole drilling. Rev min.13.  
no.6:254-257 Je '62.

1. Institutul de cercetari miniere, Petrosani.

PATRASCU, M., ing.; MACAVEI, O., tehn.; HEINCZ, M., tehn.; COICULESCU, M., ing.  
HERTA Illeana, tehn.; HEINCZ, Maria, tehn.

Fighting against the blasting dust. Rev min 14, no.10:  
467-473 0 '63.

L 48315-65	EMP(m)/EMP(e)/EMP(i)/EMP(b)	P3-4	WH
ACCESSION NR:	AP5012036	UR/0072/55/000/005/0046/0046	
AUTHOR:	Vogel, W.; Heindorf, W.	25 L	
TITLE:	Optical phosphate glass		
SOURCE:	Steklo i keramika, no. 5, 1965, 46		
TOPIC TAGS:	optical glass, nonsilica glass, phosphate glass, glass optical property		
ABSTRACT: This Author Certificate has been issued for an optical phosphate glass with a refractive index of 1.50—1.53 and Abbe number of 60—68. The glass is composed of : P <sub>2</sub> O <sub>5</sub> 53—78%, Al <sub>2</sub> O <sub>3</sub> 5—20%, and CdO 12—38% by w%. The P <sub>2</sub> O <sub>5</sub> and Al <sub>2</sub> O <sub>3</sub> components are introduced in the charge as aluminum metaphosphate. Glass compositions with increased refractive index are achieved by adding La <sub>2</sub> O <sub>3</sub> 18%, Ta <sub>2</sub> O <sub>5</sub> and Nb <sub>2</sub> O <sub>5</sub> 12%, ZrO <sub>2</sub> 8%; and thorium, tungsten, and titanium oxides [undisclosed amounts]. [JK]			
ASSOCIATION:	none		
SUBMITTED:	00	ENCL:	00
NO REF SOV:	000	OTHER:	000
Card 1/1	INTD PRESS 3252		

Heine, A.

EP

3782

021.165 : 165.423.4 : 602.9

Heine A. Adaptation of Condenser Turbines for Central Heat Supply  
Services.

"Przystosowanie turbin kondensacyjnych do pracy cieplowniczej".  
Przeglad Elektrotechniczny, No. 7, 1954, pp 270—272, 3 figura.  
Purpose and method of adapting condenser turbines for central heat supply service, and the problem of changes in the thermal process within the turbine. Essential modifications to turbine and auxiliary equipment. Utilisation of modified turbines during low heat consumption periods. Condenser turbine stoppings. Experience gained in Poland during 1949—1950 in designing, modifying and operating such converted turbines.

lwv

W. INT., L.

Technical solution of screen characters. n. 12.  
(ZWIĘZKI. Vol. 10, no. 2, Mar/Apr. 1956, Warszawa, Poland)

SG: Monthly List of East European Acquisitions (EPA) L. Vol. 1, no. 12, Dec. 1957.  
Incl.

DRABIK, Jerzy, inz.; HEINE, Adam, inz.

New methods of operating turbine aggregates in heating and power  
plants. Energetyka Pol 14 no.2:32-33 '60. (EEAI 9:6)  
(Heating) (Power plants)

HEINEMANN, Zoltan

Remarks about the principle of static equalization. Muszaki  
kozl MTA 31 no.1/4:263-273 '62.

1. Nehezipari Muszaki Egyetem Matematika Tanszeka, Miskolc.

HEINEMANN, Zoltan; HOSSZU, Miklos

The extreme value of locating an oil pipeline. Mat kut kozl  
MTA 7 Series B no.4:467-478 '62 [publ. '63].

1. Nehezipari Muszaki Egyetem Matematikai Tanszeke, Miskolc.

HEINEMANN, Zoltan, okleveles olajmernok

Technical and economic requirements for the exploitation  
of closed gasholders. Bany lap 97 no. 5: 342-352 My '64.

1. National Petroleum and Gas Industry Trust, Budapest.

SZECHENYI, Ferenc, dr.; HEINER, Lajos, dr.

Evaluation of the urine reduction test following intravenous Tetrant  
administration. Orv. hetil. 103 no.29:1359 22 Jl '62.

1. Szegedi Orvostudomanyi Egyesem, Ideg es Elnekortani Klinika.  
(OXYTETRACYCLINE metab)

HEINER, Lajos, dr.; LELEK, Imre, dr.

Localized myositis ossificans following hemiplegia. Orv. hetil.  
104 no.41:1949 13 0 '63.

l. Szegedi Orvostudomanyi Egyetem, Ideg-, Elme- es Rontgen-  
klinika.

(MYOSITIS OSSIFICANS) (HIP) (HEMIPLEGIA)  
(RADIOGRAPHY) (RADIOTHERAPY)

09/15

0000

L 31080-66

ACC NR: AT6022818

SOURCE CODE: HU/2505/65/028/003/0227/0236

25

AUTHOR: Domonkos, Jono--Domonkosh, Ye.; Heiner, Lajos--Kheyner, L.

B+1

ORG: Neurological Clinic, Medical University, Szeged (Orvostudomanyi Egyetem Idegklinika); Brain Research Institute, Medical University, Szeged (Orvostudomanyi Egyetem Agukutato Intezet)

TITLE: Effect of denervation and immobilization on carbohydrate metabolism in tonic and tetanic muscles I. Glycolytic metabolism

22

SOURCE: Academia scientiarum hungaricae. Acta physiologica, v. 28, no. 3, 1965, 227-236

TOPIC TAGS: carbohydrate, muscle physiology, biologic metabolism

ABSTRACT: Denervation does not influence to the same extent the glycogen content and glycolytic metabolism of tonic and tetanic muscles. During the first week following denervation, the glycogen content decreases in the tonic muscle and increases in the tetanic one. In the second week after denervation, the situation is reversed. The glycolytic metabolic activity and the changes in glycogen content show a parallel behavior in both kinds of muscle. In the second phase after denervation, the glycolytic metabolism of the two kinds of muscle begins to show similarities. With a few days' lag, the effect of immobilization resembles that of denervation. Orig. art. has:

8 tables. [Orig. art. in Eng.] [JPRS]

SUB CODE: 06 / SUBM DATE: 08Jan65 / ORIG REF: 003 / SOV REF: 001

OTH REF: 025

Card 1/1 CC

L 31081-66  
ACC NR: AT6022819

SOURCE CODE: HU/2505/65/028/003/0237/0244

-14  
B+1

AUTHOR: Neinor, Lajos-Kheyner, L.; Domonkos, Jeno-Domonkosh, Ye.

ORG: Department of Neurology and Brain Research Institute, Medical University of Szeged (Szegedi Orvostudomanyi Egyetem, Idegklinika es Agykutato Intezet)

TITLE: Effect of denervation and immobilization on the carbohydrate metabolism in tonic and tetanic muscles II. Oxidative metabolism

SOURCE: Academia scientiarum hungaricae. Acta physiologica, v. 28, no. 3, 1965, 237-244

TOPIC TAGS: muscle physiology, carbohydrate, biologic metabolism

ABSTRACT: In the second postoperative week following denervation, there is a significant difference in the oxygen uptake by tonic and tonic muscles; oxygen uptake decreases in the tonic and slightly increases in the tetanic muscle. If inactivity is enforced by immobilization, however, there are no changes in oxygen uptake by either kinds of muscle as much as two weeks after fixation. The high energy phosphate content of tonic and tetanic muscles shows no changes in opposite directions. As a result of inactivation, a slight increase in high energy phosphate content can be noted in both kinds of muscle. This increase is more marked in the tonic muscle.  
Orig. art. has: 4 tables. [Orig. art. in Eng.] [JPRS]

SUB CODE: 06 / SUBM DATE: 08Jan65 / ORIG REF: 003 / SOV REF: 003  
OTH REF: 026

0915

0790

L 31092-66

ACC NR: AT6022820

SOURCE CODE: HU/2505/65/028/003/0245/0252

AUTHOR: Heiner, Lajos--Kheyner, L.; Stipula, Magda--Shtipula, M.; Domonkos, Jeno--  
Domonkosh, T.

ORG: Heiner, Domonkos/ Neurological Clinic, Medical University, Szeged (Orvostudomanyi Egyetem Idegklinikaja; Heiner, Domonkos/ Brain Research Institute, Medical University, Szeged (Orvostudomanyi Egyetem Agykutato Intezete); Stipula Neurological Clinic, Medical University, Budapest (Orvostudomanyi Egyetem Idegklinikaja)

TITLE: Correlation between carbohydrate metabolism and atrophy in tonic and tetanic muscles

SOURCE: Academia scientiarum hungaricae. Acta physiologica, v. 28, no. 3, 1965,  
245-252

TOPIC TAGS: biologic metabolism, muscle physiology, carbohydrate

ABSTRACT: The relationship between atrophy, metabolism, and other changes brought about by denervation have been examined in tonic and tetanic muscles. Atrophy was found to appear earlier in the tonic muscle than in the tetanic one. During the 2-3 weeks' observation period, the atrophic process did not in all respects follow the changes which occurred in metabolism. Changes in the glycolytic metabolism appear earlier after denervation than does a histologically demonstrable atrophy. Changes in oxidative metabolism appear after the process

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L 31082-66

ACC NR: AT6022820

of atrophy has become histologically demonstrable. The changes in glycolysis and oxygen uptake, following denervation, are inverse in the two kinds of muscle. These changes can not, therefore, be directly related to atrophy. On the other hand, a closer correlation may exist between the high energy phosphate content, the muscle cell phase, and atrophy. Orig. art. has: 13 figures and 1 table. [Orig. art. in Eng.] [JPRS] O

SUB CODE: 06 / SUER DATE: 08Jan65 / ORIG REF: 002 / OTH REF: 007

Card 2/2 CC

L 34152-66 EWP(t)/ETI IJP(c) JD  
ACC NR. AP6026041

SOURCE CODE: CZ/0034/66/000/003/0192/0198

AUTHOR: Hellebrand, Ladislav (Engineer; Candidate of sciences); Sedlacek, Vladimir  
(Engineer; Doctor; Doctor of sciences)

ORG: Research Institute for Metals, Panske Brezany (Vyzkumny ustav kovu) B

TITLE: Effect of finish rolling temperature on the properties and on subsequent  
heat treatment of Ms 68 alloy

SOURCE: Hutnické listy, no. 3, 1966, 192-198

TOPIC TAGS: metal heat treatment, zinc alloy, copper alloy, lead alloy, cold  
rolling, hot rolling, alloy composition, metal physical property, annealing

ABSTRACT: Typical composition of the alloy is 67.7% Cu, 32.2% Zn, 0.03% Pb. Best  
results were obtained when rolling was done at 800 - 830°C, and the finish rolling  
at 620 - 580°C. Cold rolling of a product that was previously hot rolled has a ten-  
dency to reduce by 75% the decrease caused in the product by hot rolling. When the  
hot rolled product is subsequently reheated to 500° the influence of hot rolling is  
removed completely. The effect of rolling conditions on the structure and mechanical  
properties of the alloy is discussed. Importance of annealing after the rolling  
operations is described. Orig. art. has: 7 figures and 2 tables. [Based on authors'  
Eng. abst.] [JPRS: 36,646]

SUB CODE: 11, 13 / SUBM DATE: none / ORIG REF: 001 / SOV REF: 002

OTH REF: 002

UDC: 669.35.5

09/16 1A14

HUNGARY  
APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617930001  
KOVACS, Endre, HEINER (MSc), ATTENZIA, KOKAI, Karoly, Meilical  
University of Szeged, Institute of Biochemistry (Biol. Fakultas, Szegedi Tudomanyi  
Egyetem, Biokemiai Intezet).

"Study of the Respiration and of the Mechanism of Catalase Effect of  
Staphylococcus Aureus Cultures in the Course of Antibiotic Adaptation."  
Budapest, Kiserletes Orvostudomany, Vol XVIII, No 5, Oct 66, pages 454-459.

Abstract: [Authors' Hungarian summary] In the course of adaptation to fucidin,  
the catalase activity of the Staph. aureus culture decreases greatly. The  
induction of catalase in the bacterial culture occurs at the time of great  
decrease in oxygen pressure, that is, at the time when the oxygen consumption  
of the cells is at its highest intensity. Because of its reducing properties,  
when ascorbic acid is added to the culture medium, it decreases suddenly the  
oxygen pressure of the culture and thus provides more rapidly the conditions  
for catalase induction. Since, in contrast to the peroxidase system, catalase  
is capable of insuring the oxidation process of the cells with lesser amounts  
of oxygen as well, its role is to insure the stationary phase of development.  
In the course of fucidin adaptation, there is a decrease in catalase activity  
which in turn results in the shortening of the stationary phase. 1 Hungarian,  
13 Western references. [Manuscript received 25 Sep 65.]